ABSTRACT OF THE DISCLOSURE


It is made possible to promptly determine an accurate

parting line.   Two-dimensional projection means produces

5   two-dimensional projection data by projecting edges of a product

shape represented by three-dimensional graphic data  onto a

plane perpendicular to a mold opening direction.   Parting line

determination means sequentially determines, out of candidate

edges contiguous to a determined parting line already determined

10   as parting line, a candidate edge forming a largest interior

angle with the determined parting line at a contact point

therewith on the two-dimensional projection data, as the parting

line.   This makes it possible to determine a parting line of

a mold for molding the product shape represented by the

15   three-dimensional graphic data.